

U.S. Patent Application Serial No. 10/516,302
Amendment filed July 9, 2007
Reply to OA dated February 7, 2007

REMARKS

Claims 2, 5 and 8 have been canceled without prejudice or disclaimer.

Claims 1, 4 and 7 have been amended in order to more particularly point out, and distinctly claim the subject matter to which the applicant regards as his invention. The applicant respectfully submits that no new matter has been added. It is believed that this Amendment is fully responsive to the Office Action dated February 7, 2007.

Claims 1, 3, 4, 6 and 7 remain pending in this patent application, claims 1, 3, 4, 6 and 7 being independent claims.

The Examiner has rejected claims 1 - 8 under 35 U.S.C. § 102(b) as anticipated by U.S. Patent 3,705,371 to Van Nice (hereafter, "Van Nice"). The applicant respectfully requests reconsideration of this rejection.

As indicated above, claims 2, 5 and 8 have been canceled without prejudice or disclaimer. Thus, the rejection of these claims is now moot.

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As to the remaining claims 1, 3, 4, 6 and 7, Van Nice discloses winding structures having two or more interconnected winding groups. The winding groups have different levels of surge voltage strength, with the group having the highest level being electrically located nearest to a line end of the winding structure. In a first embodiment, the winding group nearest the line end is a single disc winding with the disc spacing adjusted to provide a uniform series capacitance throughout the winding structure. In a second embodiment, an interleaved turn winding group is connected between the winding groups of the first embodiment and the line end of the winding.

FIGS. 2, 3 and 7, for example, show that the innermost turn of each unit coil portion (28, 30, 32, 34, 36, 38 in FIG. 2, for example) is connected to the outermost coil in the adjacent unit coil portion.

This is in contrast to the applicant's present invention, as shown in FIG. 2, and as recited in claims 2 and 5 of the instant application, which recite that "one turn portion on an outermost periphery or on an innermost periphery being connected to another unit portion on an outermost periphery or on an innermost periphery of the adjacent unit coil portion." In order to clarify that inner periphery turn portions of adjacent coil portions are connected to each other and outer periphery turn portions of adjacent coil portions are connected to each other, the applicant has added the word "respectively" to the wording of claims 2 and 5, both of which claims the applicant has canceled, while adding their limitations to claims 1 and 4, respectively.

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Furthermore, there is no disclosure in Van Nice that the “partly finished coil is compressed axially of the coil to thereby free the unit turn portion of small inner peripheral length at least partly inwardly of the unit turn portion of great inner peripheral length,” as recited in claims 3 and 6.

Lastly, there is no disclosure in Van Nice of the use of a wire wiring jig having “small” and “great” outer peripheral lengths for use in forming the unit turn portions by winding of the conductor around such different outer peripheral lengths, as shown in FIGS. 4 and 5 and as recited in claim 8.

Accordingly, the applicant has canceled claim 8 and added its limitations to claim 7.

Based on the applicant’s claim amendments and remarks in support thereof, not all of the claimed elements or features of the applicant’s claimed invention, as now set forth in each of claims 1, 3, 4, 6 and 7, are found in exactly the same situation and united in the same way to perform the identical function in the Van Nice apparatus. Thus, there can be no anticipation of the applicant’s claimed invention, as now recited in claims 1, 3, 4, 6 and 7, under 35 U.S.C. § 102(b) based on the teachings of Van Nice.

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In view of the above, the withdrawal of the outstanding anticipation rejection under 35 U.S.C. § 102(b) based on Van Nice is in order, and is therefore respectfully solicited.

In view of the aforementioned amendments and accompanying remarks, claims, as amended, are in condition for allowance, which action, at an early date, is requested.

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact the applicant's undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

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In the event that this paper is not timely filed, the applicant respectfully petitions for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper to Deposit Account No. 01-2340.

Respectfully submitted,

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